

WHAT IS CLAIMED IS:

1 A home server, which receives a requirement sent from
a sending source (a calling-up person or machine) via a
5 communication line, offers an internet service, and controls
equipment connected to a home server in its own home, said
home server comprising:

 telephone number coincidence-checking means (a unit
 for confirming on a registration of a telephone number
10 corresponding to a telephone accessing the home server) for
 determining whether or not it can be accepted to perform said
 requirement sent from the sending source;

 modem means for receiving said requirement, which has
 been accepted by said telephone number coincidence-checking
15 means;

 protocol-processing means for converting a signal of
 said requirement to an internet service;

 internet service-offering means for offering said
 internet service corresponding to said requirement to said
20 sending source, which has been converted by said
 protocol-processing means; and

 control means for controlling equipment in said home
 if said internet service, which is to be offered by said
 internet service-offering means, needs a control process
25 concerning said internet serve;

2. A home server, which receives a requirement sent from a sending source (a calling-up person or machine) via a communication line, offers an internet service, and controls equipment connected to a home server in its own home, said 5 home server comprising:

telephone number coincidence-checking means (a unit for confirming on a registration of a telephone number corresponding to a telephone accessing the home server) for determining whether or not it can be accepted to perform said 10 requirement sent from the sending source;

modem means for receiving said requirement, which has been accepted by said telephone number coincidence-checking means;

protocol-processing means for converting a signal of 15 said requirement to an internet service; and

internet service-offering means for offering said internet service corresponding to said requirement to said sending source, which has been converted by said 20 protocol-processing means

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3. A home server, which receives a requirement sent from a sending source (a calling-up person or machine) via a communication line, offers an internet service, and controls equipment connected to a home server in its own home, said 25 home server comprising:

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telephone number coincidence-checking means (a unit for confirming on a registration of a telephone number corresponding to a telephone accessing the home server) for determining whether or not it can be accepted to perform said 5 requirement sent from the sending source;

modem means for receiving said requirement, which has been accepted by said telephone number coincidence-checking means; and

10 protocol-processing means for converting a signal of said requirement to an internet service

4. A home server, which receives a requirement sent from a sending source (a calling-up person or machine) via a communication line, offers an internet service, and controls 15 equipment connected to a home server in its own home, said home server comprising:

telephone number coincidence-checking means (a unit for confirming on a registration of a telephone number corresponding to a telephone accessing the home server) for 20 determining whether or not it can be accepted to perform said requirement sent from the sending source; and

modem means for receiving said requirement, which has been accepted by said telephone number coincidence-checking means

5. A home server, which receives a requirement sent from a sending source (a calling-up person or machine) via a communication line, offers an internet service, and controls equipment connected to a home server in its own home, said 5 home server comprising:

modem means for receiving said requirement, which has been accepted by said telephone number coincidence-checking means;

10 protocol-processing means for converting a signal of said requirement to an internet service; and

internet service-offering means for offering said internet service corresponding to said requirement to said sending source, which has been converted by said protocol-processing means

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6. An internet service system comprising:

an information terminal for requiring an internet service;

20 a communication line for transiting said internet service; and

a home server according to claim 1, for receiving said transmitted internet service;

wherein said internet service can be implemented by said information terminal.

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7. An internet service system comprising:
 - an internet for transmitting an internet service required from a sending source;
 - a service provider which receives said internet service
- 5 from said internet, and implements said connection between said sending source and a receiving destination to which said sending source intends to connect;
- an communication line for transmitting said internet service; and
- 10 a home server according to claim 1, which receives said sent internet service;
 - wherein said internet service can be implemented from said internet.

the *Journal of the Royal Society of Medicine* (1957, 50, 101) and the *Journal of Clinical Pathology* (1957, 11, 101).